



Eric Duque Molina

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ABOUT ME

I am an enthusiastic and highly skilled Industrial Automation and Robotics Technician with a strong educational background in electrical systems, automation, and robotics. My studies have equipped me with the ability to design, program, and maintain advanced industrial systems. Through my participation in the Erasmus Plus program, I have gained valuable international experience, enhancing my adaptability and cross-cultural communication skills. I am proficient in industry-leading software such as Siemens TiaPortal, Siemens NX, Eplan, LabVIEW, and Cognex. I am passionate about technology and eager to apply my knowledge and skills to innovative tech projects. I thrive in collaborative environments and am committed to continuous learning and professional growth.

EDUCATION AND TRAINING

Higher Technician in Industrial Automation and Robotics

INS Lacetania [12/09/2022 – 01/05/2024]

City: Manresa | **Level in EQF:** EQF level 5

In this program, I have acquired skills in electrical, pneumatic, and hydraulic systems, as well as in programmable sequential systems and measurement and control systems. I have learned to recognize, design, assemble, program, and maintain these systems while applying safety and risk prevention standards. Additionally, I have developed expertise in technical documentation, industrial computing, advanced programmable systems, industrial robotics, and industrial communication. I also have experience in integrating industrial automation and managing projects related to automation and robotics. My training is complemented by internships in companies, where I have applied and refined these skills in real-world settings.

Technician in Telecommunications Installations

INS Lacetania [12/09/2020 – 13/05/2022]

City: Manresa | **Country:** Spain | **Level in EQF:** EQF level 3

I acquired skills in the installation and maintenance of telecommunications infrastructures, both within homes and buildings. I learned to configure, install, verify, and repair common telecommunications systems, including data networks, telephone systems, and home automation installations. I gained knowledge in applied electronics, microcomputer equipment, public address systems, closed-circuit television (CCTV), and radio communications installations. Additionally, I developed expertise in technical documentation, safety regulations, and environmental protection. My training included practical experience in assembling, configuring, and maintaining these systems, ensuring compliance with industry standards and safety protocols.

Erasmus+

INS Lacetania

Country: Italy

Participating in the Erasmus Plus program provided me with invaluable international experience and the opportunity to develop key professional skills. During my time abroad, I:

- Enhanced my ability to adapt to new environments and cultures, demonstrating flexibility and resilience.
- Improved my communication and teamwork skills by collaborating with international peers and professionals.
- Gained exposure to different approaches and techniques in the field of industrial automation and robotics.

- Expanded my professional network, establishing connections with experts and organizations in the industry.
- Developed a global perspective, which is crucial for working in a diverse and international market.

This experience is recognized in my academic record and included in the European Diploma Supplement, highlighting the skills and competencies acquired through the program.

DIGITAL SKILLS

Automation and control

TIAportal / PLC Ladder Logic Programming / Robot Studio (ABB)

Design and Simulation

SIEMENS NX / EPLAN Electric P8 / LabView

Machine vision

Cognex In-Sight

WORK EXPERIENCE

Electrician

Anelco electronics [21/09/2021 – 01/04/2024]

City: Barcelona | Country: Spain

As an Electrician, I have developed strong skills in fault localization, repairing electronic and electrical components, and performing preventive and corrective maintenance. I am proficient in designing and interpreting electrical schematics, installing sensors and lighting systems, and calibrating and configuring equipment. Additionally, I have experience in installing security systems and configuring networks. My background in automation and industrial robotics equips me with the expertise to contribute effectively to innovative tech projects in Japan.

LANGUAGE SKILLS

Mother tongue(s): Spanish | Catalan

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user